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18. The composition of claim 17, wherein said first cell and said second cell are involved in cell to cell interactions selected from the group consisting of cell adhesion and cell migration.

19. The composition of claim 17, wherein said selectin is selected from the group consisting of P-selectin, L-selectin, and E-selectin.

20. The composition of claim 17, wherein said one or more surface exposed carbohydrates meets the binding requirements of said receptor.

21. The method of claim 8, wherein said lipid assembly comprises 25% to 95% unpolymerized lipid monomers.

22. The method of claim 21, wherein said first cell and said second cell are involved in cell—cell interactions selected from the group consisting of cell adhesion and cell migration.

23. The method of claim 21, wherein X is selected from the group consisting of sulphur and phosphorus.

24. The method of claim 21, wherein said one or more surface exposed oxyacid groups is covalently attached to said lipid monomers.

25. The method of claim 21, wherein said one or more surface exposed carbohydrates comprises neutral carbohydrates.

26. The method of claim 25, wherein said neutral carbohydrates are selected from the group consisting of maltose and lactose.

27. The method of claim 21, wherein said one or more surface exposed neutral carbohydrates is covalently attached to said lipid monomers.

28. The method of claim 21, wherein said selectin is selected from the group consisting of P-selectin, L-selectin, and E-selectin.

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29. The composition of claim 1, wherein said one or more surface exposed oxyacid groups is covalently attached to said lipid monomers.

30. The composition of claim 1, wherein said first cell and said second cell are involved in cell to cell interactions selected from the group consisting of cell adhesion and cell migration.

31. The composition of claim 1, wherein X is selected from the group consisting of sulphur and phosphorus.

32. The composition of claim 1, wherein said one or more surface exposed oxyacid groups is covalently attached to said lipid monomers.

33. The composition of claim 1, wherein said one or more surface exposed carbohydrates comprises neutral carbohydrates.

34. The composition of claim 33, wherein said neutral carbohydrates are selected from the group consisting of maltose and lactose.

35. The composition of claim 1, wherein said one or more surface exposed carbohydrates is covalently attached to said lipid monomers.

36. The composition of claim 1, wherein said selectin is selected from the group consisting of P-selectin, L-selectin, and E-selectin.

37. The composition of claim 17, comprising 25% to 95% unpolymerized lipid monomers.

38. The composition of claim 1, comprising 25% to 95% unpolymerized lipid monomers.

39. The method of claim 8, further comprising 25% to 95% unpolymerized lipid monomers.

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